

Title (en)
SIDELINK BEAM CONFIGURATION AND INDICATION

Title (de)
SIDELINK-STRAHLKONFIGURATION UND -ANZEIGE

Title (fr)
CONFIGURATION ET INDICATION DE FAISCEAU DE LIAISON LATÉRALE

Publication
EP 4147372 A1 20230315 (EN)

Application
EP 21721792 A 20210409

Priority
• US 202063020977 P 20200506
• US 202117225958 A 20210408
• US 2021026644 W 20210409

Abstract (en)
[origin: US2021352625A1] Aspects relate to mechanisms for a wireless communication device to configure and indicate one or more beams for sidelink communication with another wireless communication device. The sidelink communication can include first stage sidelink control information (SCI) and second stage SCI that may be communicated on a first beam configured on the wireless communication devices. The sidelink communication can further include sidelink data traffic that may be communication on a second beam. The second beam may be the first beam or a different beam based on at least one of a beam capability of at least the first wireless communication device or a gap between the sidelink data traffic and at least one of the first stage SCI or the second stage SCI.

IPC 8 full level
H04B 7/06 (2006.01); **H04B 7/08** (2006.01); **H04L 5/00** (2006.01); **H04W 72/02** (2009.01)

CPC (source: EP US)
H04B 7/0695 (2013.01 - EP); **H04B 7/06954** (2023.05 - EP); **H04B 7/088** (2013.01 - EP); **H04L 5/0023** (2013.01 - EP); **H04W 8/24** (2013.01 - US); **H04W 72/02** (2013.01 - US); **H04W 72/0446** (2013.01 - US); **H04W 72/046** (2013.01 - US); **H04W 72/20** (2023.01 - US); **H04W 76/14** (2018.01 - EP); **H04W 76/27** (2018.01 - US); **H04W 80/02** (2013.01 - US); **H04L 5/0044** (2013.01 - EP); **H04L 5/0048** (2013.01 - EP); **H04L 5/0053** (2013.01 - EP); **H04W 8/005** (2013.01 - EP); **H04W 8/24** (2013.01 - EP); **H04W 16/28** (2013.01 - EP); **H04W 72/046** (2013.01 - EP)

Citation (search report)
See references of WO 2021225748A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
US 11582722 B2 20230214; **US 2021352625 A1 20211111**; CN 115428355 A 20221202; EP 4147372 A1 20230315;
WO 2021225748 A1 20211111

DOCDB simple family (application)
US 202117225958 A 20210408; CN 202180030153 A 20210409; EP 21721792 A 20210409; US 2021026644 W 20210409